

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051425AL\
 Data File : FC068862.D
 Signal(s) : FID1A.ch
 Acq On : 14 May 2025 11:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File: autoint1.e
 Quant Time: May 14 12:19:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.707	2148293	18.822 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
12) S 1-chlorooctadecane (S...	13.139	1589031	19.807 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	3.440	1724024	17.141 ug/ml
2) T n-Decane (C10)	4.515	1781024	17.874 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1925431	17.462 ug/ml
4) T n-Dodecane (C12)	6.540	1793706	18.458 ug/ml
5) T A~2-methylnaphthalene...	7.170	1905861	17.757 ug/ml
6) T n-Tetradecane (C14)	8.337	1777563	19.233 ug/ml
7) T n-Hexadecane (C16)	9.940	1785852	19.944 ug/ml
8) T n-Octadecane (C18)	11.383	1773970	20.224 ug/ml
10) T n-Eicosane (C20)	12.693	1729111	20.290 ug/ml
11) T n-Heneicosane (C21)	13.305	1705376	20.219 ug/ml
13) T n-Docosane (C22)	13.891	1696597	20.280 ug/ml
14) T n-Tetracosane (C24)	14.996	1694233	20.362 ug/ml
15) T n-Hexacosane (C26)	16.017	1687931	20.372 ug/ml
16) T n-Octacosane (C28)	16.968	1787829	21.632 ug/ml
17) T n-Tricontane (C30)	17.856	2048983	24.216 ug/ml
18) T n-Dotriacontane (C32)	18.689	2137111	24.811 ug/mlm
19) T n-Tetratriacontane (C34)	19.474	2014149	23.640 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1923353	22.378 ug/ml
21) T n-Octatriacontane (C38)	20.987	1832061	21.840 ug/ml
22) T n-Tetracontane (C40)	21.962	1775610	21.665 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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